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HERE'S WHAT'S NEW

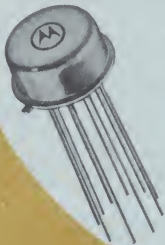
IN MONOLITHIC
INTEGRATED
AMPLIFIER
CIRCUITS

FROM MOTOROLA

MR. T. H. NELSON, SYS. ENGR. I
INTERLOCKING SYSTEMS COMPANY
P.O. BOX 1546
POUGHKEEPSIE, NEW YORK 12603

BULK RATE
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NEW



STATE-OF-THE-ART MONOLITHIC INTEGRATED AMPLIFIER CIRCUITS



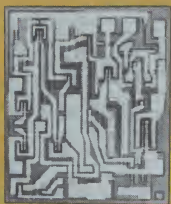
TYPE MC1533G

NEW MOTOROLA

HIGH-GAIN OPERATIONAL AMPLIFIER with extremely low drift ($\pm 3 \mu\text{V}^\circ\text{C}$)

- open loop gain — 60,000
- high-input impedance — $Z_{in} = 1$ megohm
- adjustable input offset
- large output voltage swing — 13 volts ($\pm V = 15$ volts) with 2K load

FOR LOW-LEVEL SENSING EQUIPMENT, ANALOG COMPUTATION SYSTEMS



TYPE MC1540G

NEW MOTOROLA

HIGH SPEED CORE MEMORY SENSE AMPLIFIER with adjustable threshold voltage

- fast recovery time — $t_r = 40$ ns
- saturated logic output signal
- narrow uncertainty region — 6 mV
- high sensitivity — $V_{th} = 17$ mV (adjustable)

FOR CORE MEMORY SIGNAL SENSING SYSTEMS



TYPE MC1550G

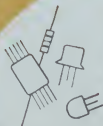
NEW MOTOROLA

RF-IF CASCADE AMPLIFIER with excellent AGC performance

- very low internal feedback
- high power gain — 25 dB @ 60 MHz
- constant input impedance over AGC range
- low noise figure — 5 dB @ MHz

IDEAL FOR NEWEST COMMUNICATION EQUIPMENT DESIGNS

For OFF-THE-SHELF DELIVERY, call . . .



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